

RFQ/NIT HEADER DETAIL

ORGANIZATION NAME	TRICHY, BHEL	RFQ FLOATED UNDER THE	PURCHASE POLICY
RFQ/NIT REFERENCE	2611700041	POLICY	
CODE/ENQUIRY NO		RFQ OWNER/NIT	MR MAYANK
RFQ/NIT TYPE	OPEN TENDER	OFFICER/ENQUIRY OWNER	SHRIVASTAVA(SR.ENGR/PUR)
NUMBER OF ITEMS ALREADY	31		
ATTACHED			
CURRENCY	ANY		
DESCRIPTION	AUSC WELDING CONSUMABLES		
DETAILED DESCRIPTION	AUSC WELDING CONSUMABLES		
NUMBER OF BID PART(S)	2	PUBLISHED DATE	21 Jul , 2017 3:54:32 PM

ATTRIBUTE(S)

ATTRIBUTE NAME	ATTRIBUTE VALUE
Delivery at	BHEL Trichy Stores
Inspection By	BHEL Engineers
Validity of the Offer	PRICE SHOULD BE FIXED AND VALID FOR 120 DAYS FROM THE DATE OF TENDER OPENING
Inspection	BHEL TRICHY

DATE-TIME DETAIL(S)

BID START DATE	21 Jul , 2017 4:00:00 PM	BID DUE DATE	16 Aug , 2017 2:00:00 PM
BID OPEN DATE	16 Aug , 2017 2:30:00 PM		
(SCHEDULED)			

PRE-BID DISCUSSION DETAILS

PRE-BID DISCUSSION TYPE NOT REQUIRED

ALTERNATE BID DECRYPTOR(S)

USER DETAILS
MR Admin SANJEEVI B(SDGM/PUR)
MR MAYANK SHRIVASTAVA(SR.ENGR/PUR)
MR KUMARASAMY A(DGM/PUR)

SELLER DETAIL(S)

CODE	ORGANIZATION NAME
023505	TEST (Mr test ot test)

TERM AND CONDITION DETAIL(S) - SPECIAL TERM(S)

SL. NO.	CATEGORY	DESCRIPTION
1	SPECIAL TERM(S)	SPECIAL TERM(S) 1. The Enquiry is governed by terms and conditions as mentioned in Annexure-A and no modifications / alterations are allowed in any case. If any modification / alteration is proposed or any other condition advanced by the bidder, it shall be ignored and the bidder will be bound by the terms of Enquiry not-withstanding any modification / alteration etc. proposed by them. 2. Indian bidders should quote price on "FOR BHEL Trichy Stores" basis as per Clause -D (i) of Annexure-A. 3. Foreign bidders should quote price on "CFR Chennai Seaport" basis a s per Clause - D (ii) of Annexure-A. 4. Please quote your best price in your offer since cost evaluation will b e carried out on the basis of prices quoted in your offer. Reverse Auction will not be conducted. 5. Quantity variation up to ± 5% only is acceptable. 6. Scanned copy of duly filled Annexure-B shall be uploaded along with the offer. 7. The Tender will be evaluated Item Wise. 8. Offers shall be submitted through E-Procurement mode only. Offers received through any other mode will not be considered. All the requirements for submitting offer through EPS, are attached for your reference. 9. For any query regarding EPS, you are requested to contact EPS customer care at 033-6601 1717 (From 9.30 am to 5.30 pm) or 9163348283-86 / 8584008116 (From 5.30 pm to 8.30 pm) or email to eps.customer@mjunction.in

RFQ/NIT ITEM DETAILS



SL. NO.	CODE	DESCRIPTION	QUANTITY	RFQ/NIT U.O.M	OFFER U.O.M
10		ERNiCrCoMo-1 GTAW Filler Rod as per ASME SECIIC SFA 5.14Dia.1.6 x 1000mm length with embossing/imprinting on both ends forpositive identification.Chemical composition, Mechanical properties, finish and uniformity,method of manufacture, tolerance, identification, packaging, marking ofpackages, all tests and acceptance criteria shall be as per ASME SEC IICSFA 5.14.The rods are intended for use in high pressure boiler tubes and pipeswith 100% Argon shielding.Lot classification:S1, Schedule of testing:5 or J.The weld using this consumable shall exhibit radiographic soundness with100% Argon shielding and shall flow freely uniformly without anydefects.Three copies of original test certificate in English signed bymanufacturer is required. Test certificate shall contain results of tests mentioned above and in accordance with ASME SEC IIC SFA 5.14, ERNiCrCoMo-1.ERNiCrCoMo-1 GTAW Filler Rod as per ASME SECIIC SFA 5.14Dia.1.6 x 1000mm length with embossing/imprinting on both ends forpositive identification.Chemical composition, Mechanical properties, finish and uniformity,method of manufacture, tolerance, identification, packaging, marking ofpackages, all tests and acceptance criteria shall be as per ASME SEC IICSFA 5.14.The rods are intended for use in high pressure boiler tubes and pipeswith 100% Argon shielding.Lot classification:S1, Schedule of testing:5 or J.The weld using this consumable shall exhibit radiographic soundness with100% Argon shielding and shall flow freely uniformly without anydefects.Three copies of original test certificate in English signed bymanufacturer is required. Test certificate shall contain results of tests mentioned above and in accordance with ASME SEC IIC SFA 5.14, ERNiCrCoMo-1.ERNiCrCoMo-1 GTAW Filler Rod 1.6mm	25.00	KILOGRAMM	KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL GROUP:		N756	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		04-DEC-2017	
		Delivery Qty (i) :		25	



20		ERNiCrCoMo-1 GTAW Filler Rod as per ASME SECIIC SFA 5.14Dia.2.4mm x 1000mm length with embossing/imprinting on both ends forpositive identification.Chemical composition, Mechanical properties, finish and uniformity,method of manufacture, tolerance, identification, packaging, marking ofpackages, all tests and acceptance criteria shall be as per ASME SEC IICSFA 5.14.The rods are intended for use in high pressure boiler tubes and pipeswith 100% Argon shielding.Lot classification:S1, Schedule of testing:5 or J.The weld using this consumable shall exhibit radiographic soundness with100% Argon shielding and shall flow freely uniformly without anydefects.Three copies of original test certificate in English signed bymanufacturer is required.Test certificate shall contain results of testsmentioned above and in accordance with ASME SEC IIC SFA 5.14,ERNiCrCoMo-1.ERNiCrCoMo-1 GTAW Filler Rod as per ASME SECIIC SFA 5.14Dia.2.4mm x 1000mm length with embossing/imprinting on both ends forpositive identification.Chemical composition, Mechanical properties, finish and uniformity,method of manufacture, tolerance, identification, packaging, marking ofpackages, all tests and acceptance criteria shall be as per ASME SEC IICSFA 5.14.The rods are intended for use in high pressure boiler tubes and pipeswith 100% Argon shielding.Lot classification:S1, Schedule of testing:5 or J.The weld using this consumable shall exhibit radiographic soundness with100% Argon shielding and shall flow freely uniformly without anydefects.Three copies of original test certificate in English signed bymanufacturer is required. Test certificate shall contain results of tests mentioned above and in accordance with ASME SEC IIC SFA 5.14, ERNiCrCoMo-1.ERNiCrCoMo-1 GTAW Filler Rod 2.4mm	55.00	KILOGRAMM	KILOGRAMM																
	ATTRIBUTE DETAILS	<table><tr><th>ATTRIBUTE NAME</th><th>ATTRIBUTE VALUE</th></tr><tr><td>MATERIAL GROUP:</td><td>N756</td></tr><tr><td>KILOGRAM PER UNIT:</td><td>0.0</td></tr><tr><td>Cenvatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Location</td><td>TAMIL NADU</td></tr><tr><td>Vatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Date (i) :</td><td>04-DEC-2017</td></tr><tr><td>Delivery Qty (i) :</td><td>55</td></tr></table>	ATTRIBUTE NAME	ATTRIBUTE VALUE	MATERIAL GROUP:	N756	KILOGRAM PER UNIT:	0.0	Cenvatable (Yes / No)	Yes	Delivery Location	TAMIL NADU	Vatable (Yes / No)	Yes	Delivery Date (i) :	04-DEC-2017	Delivery Qty (i) :	55			
ATTRIBUTE NAME	ATTRIBUTE VALUE																				
MATERIAL GROUP:	N756																				
KILOGRAM PER UNIT:	0.0																				
Cenvatable (Yes / No)	Yes																				
Delivery Location	TAMIL NADU																				
Vatable (Yes / No)	Yes																				
Delivery Date (i) :	04-DEC-2017																				
Delivery Qty (i) :	55																				



30	ERNiCrCoMo-1 GMAW wire as per ASME SEC IIC SFA 5.14.Wire Diameter 0.8mm precision layer wound on S300 spool with10/12.5/15Kg weight.Chemical composition of weld metal deposited on Inconel 617 Alloy material with 100% Argon shielding using GTAW process shall be as follows: Cr:21-23%, Fe:1.5% Maximum, Mn:0.3% Maximum, Mo:8-10%,Co:11-13%, Al:0.8-1.3%, C:0.05-0.08%, Cu:0.05 % Maximum, B:0.002-0.005%,Si:0.3% Maximum, S:0.008% Maximum, N:0.05% Maximum, Ti:0.3-0.5%,Ni:Balance.Mechanical properties, finish and uniformity, method of manufacture,tolerance, identification, packaging, marking of packages, cast and helix, all tests and acceptance criteria shall be as per ASME SEC IIC SFA 5.14The wires are intended for use in high pressure boiler tube and pipewelding with 100% Argon shielding.Precision layer and level winding are essential.Lot classification:S1, Schedule of testing:5 or J.The weld using this consumable shall exhibit radiographic soundness with100% Argon shielding.Three copies of original test certificate in English signed by manufacturer is required. Test certificates shall contain actual results of all the tests mentioned above and as applicable in ASME SEC IIC, SFA 5.14.ERNiCrCoMo-1 GMAW wire as per ASME SEC IIC SFA 5.14.Wire Diameter 0.8mm precision layer wound on S300 spool with10/12.5/15Kg weight.Chemical composition of weld metal deposited on Inconel 617 Alloy material with 100% Argon shielding using GTAW process shall be as follows: Cr:21-23%, Fe:1.5% Maximum, Mn:0.3% Maximum, Mo:8-10%,Co:11-13%, Al:0.8-1.3%, C:0.05-0.08%, Cu:0.05 % Maximum, B:0.002-0.005%,Si:0.3% Maximum, S:0.008% Maximum, N:0.05% Maximum, Ti:0.3-0.5%,Ni:Balance.Mechanical properties, finish and uniformity, method of manufacture,tolerance, identification, packaging, marking of packages, cast and helix, all tests and acceptance criteria shall be as per ASME SEC IIC SFA 5.14The wires are intended for use in high pressure boiler tube and pipewelding with 100% Argon shielding.Precision layer and level winding are essential.Lot classification:S1, Schedule of testing:5 or J.The weld using this consumable shall exhibit radiographic soundness with100% Argon shielding.Three copies of original test certificate in English signed	75.00	KILOGRAMM	KILOGRAMM
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		bymanufacturer is required. Test certificates shall contain actual resultsof all the tests mentioned above and as applicable in ASME SEC IIC, SFA5.14.ERNiCrCoMo-1 GTAW Wire 0.8mm			
	ATTRIBUTE DETAILS	ATTRIBUTE NAME MATERIAL GROUP: KILOGRAM PER UNIT: Cenvatable (Yes / No) Delivery Location Vatable (Yes / No) Delivery Date (i) : Delivery Qty (i) :	ATTRIBUTE VALUE N756 0.0 Yes TAMIL NADU Yes 04-DEC-2017 75		
40		ERNiCrCoMo-1 GMAW wire as per ASME SEC IIC SFA 5.14.Wire Diameter 0.8mm precision layer wound on S200 spool with 5Kg weight.Chemical composition of weld metal deposited on Inconel 617 Alloy material with 100% Argon shielding using GTAW process shall be as follows: Cr:21-23%, Fe:1.5% Maximum, Mn:0.3% Maximum, Mo:8-10%,Co:11-13%, Al:0.8-1.3%, C:0.05-0.08%, Cu:0.05 % Maximum, B:0.002-0.005%,Si:0.3% Maximum, S:0.008% Maximum, N:0.05% Maximum, Ti:0.3-0.5%,Ni:Balance.Mechanical properties, finish and uniformity, method of manufacture,tolerance, identification, packaging, marking of packages, cast andhelix, all tests and acceptance criteria shall be as per ASME SEC IICSFA 5.14The wires are intended for use in high pressure boiler tube and pipewelding with 100% Argon shielding.Precision layer and level winding are essential.Lot classification:S1, Schedule of testing:5 or J.The weld using this consumable shall exhibit radiographic soundness with100% Argon shielding.Three copies of original test certificate in English signed bymanufacturer is required. Test certificates shall contain actual resultsof all the tests mentioned above and as applicable in ASME SEC IIC, SFA5.14.ERNiCrCoMo-1 GTAW Wire 0.8mm	425.00	KILOGRAMM	KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME MATERIAL GROUP: KILOGRAM PER UNIT: Cenvatable (Yes / No) Delivery Location Vatable (Yes / No) Delivery Date (i) : Delivery Qty (i) :	ATTRIBUTE VALUE N756 0.0 Yes TAMIL NADU Yes 04-DEC-2017 425		



50		ERNiCrCoMo-1 GMAW wire as per ASME SEC IIC SFA 5.14.Wire Diameter 1.0mm precision layer wound on S300 spool with10/12.5/15Kg weight.Chemical composition of weld metal deposited on Inconel 617 Alloy material with 100% Argon shielding using GTAW process shall be as follows: Cr:21-23%, Fe:1.5% Maximum, Mn:0.3% Maximum, Mo:8-10%,Co:11-13%, Al:0.8-1.3%, C:0.05-0.08%, Cu:0.05 % Maximum, B:0.002-0.005%,Si:0.3% Maximum, S:0.008% Maximum, N:0.05% Maximum, Ti:0.3-0.5%,Ni:Balance.Mechanical properties, finish and uniformity, method of manufacture,tolerance, identification, packaging, marking of packages, cast and helix, all tests and acceptance criteria shall be as per ASME SEC IIC SFA 5.14The wires are intended for use in high pressure boiler tube and pipewelding with 100% Argon shielding.Precision layer and level winding are essential.Lot classification:S1, Schedule of testing:5 or J.The weld using this consumable shall exhibit radiographic soundness with100% Argon shielding.Three copies of original test certificate in English signed by manufacturer is required. Test certificates shall contain actual results of all the tests mentioned above and as applicable in ASME SEC IIC, SFA5.14.ERNiCrCoMo-1 GTAW Wire 1.0mm	670.00	KILOGRAMM	KILOGRAMM
ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE		
	MATERIAL GROUP:		N756		
	KILOGRAM PER UNIT:		0.0		
	Cenvatable (Yes / No)		Yes		
	Delivery Location		TAMIL NADU		
	Vatable (Yes / No)		Yes		
	Delivery Date (i) :		04-DEC-2017		
	Delivery Qty (i) :		670		



60		ERNiCrCoMo-1 GMAW wire as per ASME SEC IIC SFA 5.14.Wire Diameter 1.2mm precision layer wound on S300 spool with10/12.5/15Kg weight.Chemical composition of weld metal deposited on Inconel 617 Alloy material with 100% Argon shielding using GTAW process shall be as follows: Cr:21-23%, Fe:1.5% Maximum, Mn:0.3% Maximum, Mo:8-10%,Co:11-13%, Al:0.8-1.3%, C:0.05-0.08%, Cu:0.05 % Maximum, B:0.002-0.005%,Si:0.3% Maximum, S:0.008% Maximum, N:0.05% Maximum, Ti:0.3-0.5%,Ni:Balance.Mechanical properties, finish and uniformity, method of manufacture,tolerance, identification, packaging, marking of packages, cast and helix, all tests and acceptance criteria shall be as per ASME SEC IIC SFA 5.14The wires are intended for use in high pressure boiler tube and pipewelding with 100% Argon shielding.Precision layer and level winding are essential.Lot classification:S1, Schedule of testing:5 or J.The weld using this consumable shall exhibit radiographic soundness with100% Argon shielding.Three copies of original test certificate in English signed by manufacturer is required. Test certificates shall contain actual results of all the tests mentioned above and as applicable in ASME SEC IIC, SFA5.14.ERNiCrCoMo-1 GTAW Wire 1.2mm	255.00	KILOGRAMM	KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME MATERIAL GROUP: KILOGRAM PER UNIT: Cenvatable (Yes / No) Delivery Location Vatable (Yes / No) Delivery Date (i) : Delivery Qty (i) :	ATTRIBUTE VALUE N756 0.0 Yes TAMIL NADU Yes 04-DEC-2017 255		



70		GTAW Wire for Super 304H material(SA213 UNS S30432). Diameter 0.8mm x10/12.5/15 Kg weight in the form of S300 plastic spools as per SFA 5.02ASME SEC IIC.Chemical composition of wire shall be reported. Radiographic soundnesstest shall be reported.Finish and uniformity, method of manufacture, tolerance, identification,packaging, marking of packages, cast and helix shall meet therequirements of SFA 5.02.The wires are intended for use in high pressure boiler tube with 100%Argon shielding.Precision layer and level winding are essential.Lot classification:S1, Schedule of testing:5 or J.The weld using this consumable shall exhibit radiographic soundness with100% Argon shielding.Three copies of original test certificate in English signed bymanufacturer is required. Test certificates shall contain actual resultsof all the tests mentioned above.Super 304H GTAW Wire 0.8mm	75.00	KILOGRAMM	KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME MATERIAL GROUP: KILOGRAM PER UNIT: Cenvatable (Yes / No) Delivery Location Vatable (Yes / No) Delivery Date (i) : Delivery Qty (i) :	ATTRIBUTE VALUE N756 0.0 Yes TAMIL NADU Yes 04-DEC-2017 75		
80		GTAW Wire for Super 304H material(SA213 UNS S30432). Diameter 1.0mm x10/12.5/15 Kg weight in the form of S300 plastic spools as per SFA 5.02ASME SEC IIC.Chemical composition of wire shall be reported. Radiographic soundnesstest shall be reported.Finish and uniformity, method of manufacture, tolerance, identification,packaging, marking of packages, cast and helix shall meet therequirements of SFA 5.02.The wires are intended for use in high pressure boiler tube with 100%Argon shielding.Precision layer and level winding are essential.Lot classification:S1, Schedule of testing:5 or J.The weld using this consumable shall exhibit radiographic soundness with100% Argon shielding.Three copies of original test certificate in English signed bymanufacturer is required. Test certificates shall contain actual resultsof all the tests mentioned above.Super 304H GTAW Wire 1.0mm	30.00	KILOGRAMM	KILOGRAMM



	ATTRIBUTE DETAILS	ATTRIBUTE NAME	ATTRIBUTE VALUE		
		MATERIAL GROUP:	N756		
		KILOGRAM PER UNIT:	0.0		
		Cenvatable (Yes / No)	Yes		
		Delivery Location	TAMIL NADU		
		Vatable (Yes / No)	Yes		
		Delivery Date (i) :	04-DEC-2017		
		Delivery Qty (i) :	30		
90		GTAW Wire for Super 304H material(SA213 UNS S30432). Diameter 1.2mm x10/12.5/15 Kg weight in the form of S300 plastic spools as per SFA 5.02ASME SEC IIC.Chemical composition of wire shall be reported. Radiographic soundnesstest shall be reported.Finish and uniformity, method of manufacture, tolerance, identification,packaging, marking of packages, cast and helix shall meet therequirements of SFA 5.02.The wires are intended for use in high pressure boiler tube with 100%Argon shielding.Precision layer and level winding are essential.Lot classification:S1, Schedule of testing:5 or J.The weld using this consumable shall exhibit radiographic soundness with100% Argon shielding.Three copies of original test certificate in English signed bymanufacturer is required. Test certificates shall contain actual resultsof all the tests mentioned above.Super 304H GTAW Wire 1.2mm	75.00	KILOGRAMM	KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME	ATTRIBUTE VALUE		
		MATERIAL GROUP:	N756		
		KILOGRAM PER UNIT:	0.0		
		Cenvatable (Yes / No)	Yes		
		Delivery Location	TAMIL NADU		
		Vatable (Yes / No)	Yes		
		Delivery Date (i) :	04-DEC-2017		
		Delivery Qty (i) :	75		
100		GTAW Filler Rod for welding of Super 304H material(SA213 UNS S30432).Diameter 1.6mm and 1000mm long. Imprinting/embossing at both the end ofthe rod is required for positive identification. Tolerance, packing,marking of packages in accordance with ASME SEC IIC SFA 5.02. The rodshall produce sound weld using 100% Argon shielding. The rod shalldeposit sound weld with no defect. Batch/lot classification as per S1and level of testing Schedule K in accordance with SFA 5.01. Threecopies of test certificate with test results of chemical composition offiller rod and radiographic soundness test shall be reported.Super 304H GTAW Filler Rod 1.6mm	20.00	KILOGRAMM	KILOGRAMM



110	ATTRIBUTE DETAILS	ATTRIBUTE NAME	ATTRIBUTE VALUE		
		MATERIAL GROUP:	N756		
		KILOGRAM PER UNIT:	0.0		
		Cenvatable (Yes / No)	Yes		
		Delivery Location	TAMIL NADU		
		Vatable (Yes / No)	Yes		
		Delivery Date (i) :	04-DEC-2017		
		Delivery Qty (i) :	20		
110		GTAW Filler Rod for welding of Super 304H material(SA213 UNS S30432).Diameter 2.4mm and 1000mm long. Imprinting/embossing at both the end of the rod is required for positive identification. Tolerance, packing, marking of packages in accordance with ASME SEC IIC SFA 5.02. The rod shall produce sound weld using 100% Argon shielding. The rod shall deposit sound weld with no defect. Batch/lot classification as per S1 and level of testing Schedule K in accordance with SFA 5.01. Three copies of test certificate with test results of chemical composition of filler rod and radiographic soundness test shall be reported. Super 304H GTAW Filler Rod 2.4mm	50.00	KILOGRAMM	KILOGRAMM
		ATTRIBUTE NAME	ATTRIBUTE VALUE		
		MATERIAL GROUP:	N756		
		KILOGRAM PER UNIT:	0.0		
		Cenvatable (Yes / No)	Yes		
		Delivery Location	TAMIL NADU		
		Vatable (Yes / No)	Yes		
		Delivery Date (i) :	04-DEC-2017		
		Delivery Qty (i) :	50		
120		ASME SEC, IIC, SFA-5.28 ER90S-B9 LOW ALLOY STEEL BARE SOLID WIRE FORGMAW. Diameter 0.8mm and weight of spool shall be 10/12.5/15Kg. Chemical composition of wire shall be reported. Radiographic soundness test shall be reported. Finish and uniformity, method of manufacture, tolerance, identification, packaging, marking of packages, cast and helix shall meet the requirements of SFA 5.02. The wires are intended for use in high pressure boiler tube with 100% Argon shielding. Precision layer and level winding are essential. Lot classification: S1, Schedule of testing: 5 or J. The weld using this consumable shall exhibit radiographic soundness with 100% Argon shielding. Three copies of original test certificate in English signed by manufacturer is required. Test certificates shall contain actual results of all the tests mentioned above and in accordance with ASME SEC IIC SFA 5.28. ER90S-B9 GTAW Wire 0.8mm	75.00	KILOGRAMM	KILOGRAMM
		ATTRIBUTE NAME	ATTRIBUTE VALUE		
		MATERIAL GROUP:	N756		
		KILOGRAM PER UNIT:	0.0		
		Cenvatable (Yes / No)	Yes		
		Delivery Location	TAMIL NADU		
		Vatable (Yes / No)	Yes		
		Delivery Date (i) :	04-DEC-2017		
		Delivery Qty (i) :	50		



130	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL GROUP:		N756	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		04-DEC-2017	
		Delivery Qty (i) :		75	
130		ASME SEC,IIC,SFA-5.28 ER90S-B9 LOW ALLOY STEEL BARE SOLID WIRE		30.00	KILOGRAMM
		FORGMAW.Diameter 1.0mm and weight of spool shall be 10/12.5/15Kg.Chemical composition of wire shall be reported. Radiographic soundnesstest shall be reported.Finish and uniformity, method of manufacture, tolerance, identification,packaging, marking of packages, cast and helix shall meet therequirements of SFA 5.02.The wires are intended for use in high pressure boiler tube with 100%Argon shielding.Precision layer and level winding are essential.Lot classification:S1, Schedule of testing:5 or J.The weld using this consumable shall exhibit radiographic soundness with100% Argon shielding.Three copies of original test certificate in English signed bymanufacturer is required. Test certificates shall contain actual resultsof all the tests mentioned above and in accordance with ASME SEC IIC SFA5.28.ER90S-B9 GTAW Wire 1.0mm			KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL GROUP:		N756	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		04-DEC-2017	
		Delivery Qty (i) :		30	



140		ASME SEC,IIC,SFA-5.28 ER90S-B9 LOW ALLOY STEEL BARE SOLID WIRE FORGMAW.Diameter 1.2mm and weight of spool shall be 10/12.5/15Kg.Chemical composition of wire shall be reported. Radiographic soundnesstest shall be reported.Finish and uniformity, method of manufacture, tolerance, identification,packaging, marking of packages, cast and helix shall meet therequirements of SFA 5.02.The wires are intended for use in high pressure boiler tube with 100%Argon shielding.Precision layer and level winding are essential.Lot classification:S1, Schedule of testing:5 or J.The weld using this consumable shall exhibit radiographic soundness with100% Argon shielding.Three copies of original test certificate in English signed bymanufacturer is required. Test certificates shall contain actual resultsof all the tests mentioned above and in accordance with ASME SEC IIC SFA5.28.ER90S-B9 GTAW Wire 1.2mm	75.00	KILOGRAMM	KILOGRAMM																
	ATTRIBUTE DETAILS	<table><tr><th>ATTRIBUTE NAME</th><th>ATTRIBUTE VALUE</th></tr><tr><td>MATERIAL GROUP:</td><td>N756</td></tr><tr><td>KILOGRAM PER UNIT:</td><td>0.0</td></tr><tr><td>Cenvatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Location</td><td>TAMIL NADU</td></tr><tr><td>Vatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Date (i) :</td><td>04-DEC-2017</td></tr><tr><td>Delivery Qty (i) :</td><td>75</td></tr></table>	ATTRIBUTE NAME	ATTRIBUTE VALUE	MATERIAL GROUP:	N756	KILOGRAM PER UNIT:	0.0	Cenvatable (Yes / No)	Yes	Delivery Location	TAMIL NADU	Vatable (Yes / No)	Yes	Delivery Date (i) :	04-DEC-2017	Delivery Qty (i) :	75			
ATTRIBUTE NAME	ATTRIBUTE VALUE																				
MATERIAL GROUP:	N756																				
KILOGRAM PER UNIT:	0.0																				
Cenvatable (Yes / No)	Yes																				
Delivery Location	TAMIL NADU																				
Vatable (Yes / No)	Yes																				
Delivery Date (i) :	04-DEC-2017																				
Delivery Qty (i) :	75																				
150		ER90S-B9 GTAW Filler Rod for welding of SA213T91 tubes. Diameter 1.6mmand 1000mm long. Imprinting/embossing at both the end of the rod isrequired for positive identification. Tolerance, packing, marking ofpackages in accordance with ASME SEC IIC SFA 5.02. The rod shall producesound weld using 100% Argon shielding. The rod shall deposit sound weldwith no defect. Batch/lot classification as per S1 and level of testingSchedule K in accordance with SFA 5.01. Three copies of test certificatewith test results of tests mentioned above and in accordance with ASMESEC IIC SFA 5.28 is required.ER90S-B9 GTAW Filler Rod 1.6mm	20.00	KILOGRAMM	KILOGRAMM																
	ATTRIBUTE DETAILS	<table><tr><th>ATTRIBUTE NAME</th><th>ATTRIBUTE VALUE</th></tr><tr><td>MATERIAL GROUP:</td><td>N756</td></tr><tr><td>KILOGRAM PER UNIT:</td><td>0.0</td></tr><tr><td>Cenvatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Location</td><td>TAMIL NADU</td></tr><tr><td>Vatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Date (i) :</td><td>04-DEC-2017</td></tr><tr><td>Delivery Qty (i) :</td><td>20</td></tr></table>	ATTRIBUTE NAME	ATTRIBUTE VALUE	MATERIAL GROUP:	N756	KILOGRAM PER UNIT:	0.0	Cenvatable (Yes / No)	Yes	Delivery Location	TAMIL NADU	Vatable (Yes / No)	Yes	Delivery Date (i) :	04-DEC-2017	Delivery Qty (i) :	20			
ATTRIBUTE NAME	ATTRIBUTE VALUE																				
MATERIAL GROUP:	N756																				
KILOGRAM PER UNIT:	0.0																				
Cenvatable (Yes / No)	Yes																				
Delivery Location	TAMIL NADU																				
Vatable (Yes / No)	Yes																				
Delivery Date (i) :	04-DEC-2017																				
Delivery Qty (i) :	20																				



160		ER90S-B9 GTAW Filler Rod for welding of SA213T91 tubes. Diameter 2.4mm and 1000mm long. Imprinting/embossing at both the end of the rod is required for positive identification. Tolerance, packing, marking of packages in accordance with ASME SEC IIC SFA 5.02. The rod shall produce sound weld using 100% Argon shielding. The rod shall deposit sound weld with no defect. Batch/lot classification as per S1 and level of testing Schedule K in accordance with SFA 5.01. Three copies of test certificate with test results of tests mentioned above and in accordance with ASME SEC IIC SFA 5.28 is required..ER90S-B9 GTAW Filler Rod 2.4mm	50.00	KILOGRAMM	KILOGRAMM																
	ATTRIBUTE DETAILS	<table><tr><td>ATTRIBUTE NAME</td><td>ATTRIBUTE VALUE</td></tr><tr><td>MATERIAL GROUP:</td><td>N756</td></tr><tr><td>KILOGRAM PER UNIT:</td><td>0.0</td></tr><tr><td>Cenvatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Location</td><td>TAMIL NADU</td></tr><tr><td>Vatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Date (i) :</td><td>04-DEC-2017</td></tr><tr><td>Delivery Qty (i) :</td><td>50</td></tr></table>	ATTRIBUTE NAME	ATTRIBUTE VALUE	MATERIAL GROUP:	N756	KILOGRAM PER UNIT:	0.0	Cenvatable (Yes / No)	Yes	Delivery Location	TAMIL NADU	Vatable (Yes / No)	Yes	Delivery Date (i) :	04-DEC-2017	Delivery Qty (i) :	50			
ATTRIBUTE NAME	ATTRIBUTE VALUE																				
MATERIAL GROUP:	N756																				
KILOGRAM PER UNIT:	0.0																				
Cenvatable (Yes / No)	Yes																				
Delivery Location	TAMIL NADU																				
Vatable (Yes / No)	Yes																				
Delivery Date (i) :	04-DEC-2017																				
Delivery Qty (i) :	50																				
170		ASME SEC II.C SFA-5.14 ERNiCrFe-7A BARE SOLID WIRE. Diameter 0.8 mm and weight 5 kg PRECISION LAYER WOUND ISO 544 S200 plastic SPOOLS. Radiographic soundness test shall be done and reported. The wire is intended to be used in tube/pipe butt joints with 100% Argon Shielding. The wire shall not have any trouble with usability characteristics. Uniform wire feeding shall be ensured. The wire shall produce defect free welding. Three copies of test certificate with results of tests mentioned above and in accordance with ASME SEC IIC, SFA 5.14, ERNiCrFe-7A shall be reported. ERNiCrFe-7A GTAW Wire 0.8mm	340.00	KILOGRAMM	KILOGRAMM																
	ATTRIBUTE DETAILS	<table><tr><td>ATTRIBUTE NAME</td><td>ATTRIBUTE VALUE</td></tr><tr><td>MATERIAL GROUP:</td><td>N756</td></tr><tr><td>KILOGRAM PER UNIT:</td><td>0.0</td></tr><tr><td>Cenvatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Location</td><td>TAMIL NADU</td></tr><tr><td>Vatable (Yes / No)</td><td>Yes</td></tr><tr><td>Delivery Date (i) :</td><td>04-DEC-2017</td></tr><tr><td>Delivery Qty (i) :</td><td>340</td></tr></table>	ATTRIBUTE NAME	ATTRIBUTE VALUE	MATERIAL GROUP:	N756	KILOGRAM PER UNIT:	0.0	Cenvatable (Yes / No)	Yes	Delivery Location	TAMIL NADU	Vatable (Yes / No)	Yes	Delivery Date (i) :	04-DEC-2017	Delivery Qty (i) :	340			
ATTRIBUTE NAME	ATTRIBUTE VALUE																				
MATERIAL GROUP:	N756																				
KILOGRAM PER UNIT:	0.0																				
Cenvatable (Yes / No)	Yes																				
Delivery Location	TAMIL NADU																				
Vatable (Yes / No)	Yes																				
Delivery Date (i) :	04-DEC-2017																				
Delivery Qty (i) :	340																				



180		ASME SEC II.C SFA-5.14 ERNiCrFe-7A BARE SOLID WIRE.Diameter 1.0 mm and weight 10/12.5/15 kg PRECISION LAYER WOUND ISO 544S300 plastic SPOOLS. Radiographic soundness test shall be done andreported. The wire is intended to be used in tube/pipe butt joints with100% Argon Shielding. The wire shall not have any trouble with usabilitycharacteristics. Uniform wire feeding shall be ensured. The wire shallproduce defect free welding. Three copies of test certificate withresults of tests mentioned above and in accordance with ASME SEC IIC,SFA 5.14, ERNiCrFe-7A shall be reported.ERNiCrFe-7A GTAW Wire 1.0mm	80.00	KILOGRAMM	KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL GROUP:		N756	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		04-DEC-2017	
		Delivery Qty (i) :		80	
190		ASME SEC II.C SFA-5.14 ERNiCr-3 BARE SOLID WIRE.Diameter 0.8 mm and weight 5 kg PRECISION LAYER WOUND ISO 544 S200plastic SPOOLS. Radiographic soundness test shall be done and reported.The wire is intended to be used in tube/pipe butt joints with 100% ArgonShielding. The wire shall not have any trouble with usabilitycharacteristics. Uniform wire feeding shall be ensured. The wire shallproduce defect free welding. Three copies of test certificate withresults of tests mentioned above and in accordance with ASME SEC IIC,SFA 5.14, ERNiCr-3 shall be reported.ERNiCr-3 GTAW Wire 0.8mm	280.00	KILOGRAMM	KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL GROUP:		N756	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		04-DEC-2017	
		Delivery Qty (i) :		280	



200		ASME SEC II.C SFA-5.14 ERNiCr-3 BARE SOLID WIRE.Diameter 1.0mm and weight 10/12.5/15 kg PRECISION LAYER WOUND ISO 544S300 plastic SPOOLS. Radiographic soundness test shall be done andreported. The wire is intended to be used in tube/pipe butt joints with100% Argon Shielding. The wire shall not have any trouble with usabilitycharacteristics. Uniform wire feeding shall be ensured. The wire shallproduce defect free welding. Three copies of test certificate withresults of tests mentioned above and in accordance with ASME SEC IIC,SFA 5.14, ERNiCr-3 shall be reported.ERNiCr-3 GTAW Wire 1.0mm	50.00	KILOGRAMM	KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME	ATTRIBUTE VALUE		
		MATERIAL GROUP:	N756		
		KILOGRAM PER UNIT:	0.0		
		Cenvatable (Yes / No)	Yes		
		Delivery Location	TAMIL NADU		
		Vatable (Yes / No)	Yes		
		Delivery Date (i) :	04-DEC-2017		
		Delivery Qty (i) :	50		
210		ASME SEC II.C SFA-5.14 ERNiCrMo-3 BARE SOLID WIRE.Diameter 0.8 mm and weight 5 kg PRECISION LAYER WOUND ISO 544 S200plastic SPOOLS. Radiographic soundness test shall be done and reported.The wire is intended to be used in tube/pipe butt joints with 100% ArgonShielding. The wire shall not have any trouble with usabilitycharacteristics. Uniform wire feeding shall be ensured. The wire shallproduce defect free welding. Three copies of test certificate withresults of tests mentioned above and in accordance with ASME SEC IIC,SFA 5.14, ERNiCrMo-3 shall be reported.ERNiCrMo-3 GTAW Wire 0.8mm	100.00	KILOGRAMM	KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME	ATTRIBUTE VALUE		
		MATERIAL GROUP:	N756		
		KILOGRAM PER UNIT:	0.0		
		Cenvatable (Yes / No)	Yes		
		Delivery Location	TAMIL NADU		
		Vatable (Yes / No)	Yes		
		Delivery Date (i) :	04-DEC-2017		
		Delivery Qty (i) :	100		



220		ASME SEC II.C SFA-5.14 ERNiCrMo-3 BARE SOLID WIRE.Diameter 1.0mm and weight 10/12.5/15 kg PRECISION LAYER WOUND ISO 544S300 plastic SPOOLS. Radiographic soundness test shall be done andreported. The wire is intended to be used in tube/pipe butt joints with100% Argon Shielding. The wire shall not have any trouble with usabilitycharacteristics. Uniform wire feeding shall be ensured. The wire shallproduce defect free welding. Three copies of test certificate withresults of tests mentioned above and in accordance with ASME SEC IIC,SFA 5.14, ERNiCrMo-3 shall be reported.ERNiCrMo-3 GTAW Wire 1.0mm	75.00	KILOGRAMM	KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL GROUP:		N756	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		04-DEC-2017	
		Delivery Qty (i) :		75	
230		ERNiCrMo-3 GTAW Filler Rod as per ASME SEC.IIC SFA 5.14Dia.2.0 x 1000mm length with embossing/imprinting on both ends forpositive identification.Chemical composition, Mechanical properties, finish and uniformity,method of manufacture, tolerance, identification, packaging, marking ofpackages, all tests and acceptance criteria shall be as per ASME SEC IICSFA 5.14.The rods are intended for use in high pressure boiler tubes and pipeswith 100% Argon shielding.Lot classification:S1, Schedule of testing:5 or J.The weld using this consumable shall exhibit radiographic soundness with100% Argon shielding and shall flow freely uniformly without anydefects.Three copies of original test certificate in English signed bymanufacturer is required with results of tests mentioned above and inaccordance with SFA 5.14, ERNiCrMo-3.ERNiCrMo-3 GTAW Filler Rod 2.0mm	10.00	KILOGRAMM	KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL GROUP:		N756	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		04-DEC-2017	
		Delivery Qty (i) :		10	



240		Type CoCr-A Plasma Transferred Arc Welding powder for hardfacing applications. The average hardness of a two layer weld deposit using this powder shall be 36 HRC to 41 HRC. The powder shall be manufactured by inert gas dry atomization process and shall have spherically shaped particles suitable for PTAW process. Three copies of test certificate with results of powder composition and hardness of weld metal achieved shall be reported. Type CoCr-A PTAW Powder	45.00	KILOGRAMM	KILOGRAMM
ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE		
	MATERIAL GROUP:		N756		
	KILOGRAM PER UNIT:		0.0		
	Cenvatable (Yes / No)		Yes		
	Delivery Location		TAMIL NADU		
	Vatable (Yes / No)		Yes		
	Delivery Date (i) :		04-DEC-2017		
	Delivery Qty (i) :		45		
250		Type CoCr-A Plasma Transferred Arc Welding powder for hardfacing applications. The average hardness of a two layer weld deposit using this powder shall be 36 HRC to 41 HRC. The size distribution of powder shall be between 20 microns to 45 microns. The powder shall be manufactured by inert gas dry atomization process and shall have spherically shaped particles suitable for PTAW process. Three copies of test certificate with results of powder composition and hardness of weld metal achieved shall be reported. Type CoCr-A PTAW Powder	05.00	KILOGRAMM	KILOGRAMM
ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE		
	MATERIAL GROUP:		N756		
	KILOGRAM PER UNIT:		0.0		
	Cenvatable (Yes / No)		Yes		
	Delivery Location		TAMIL NADU		
	Vatable (Yes / No)		Yes		
	Delivery Date (i) :		04-DEC-2017		
	Delivery Qty (i) :		5		



260		ERNiCrCoMo-1 GMAW wire as per ASME SEC IIC SFA 5.14Dia.1.0mm precision layer wound Spools on S200 spool with 5Kg weight.Chemical composition of weld metal deposited on Inconel 617 Alloy material with 100% Argon shielding using GTAW process shall be as follows: Cr:21-23%, Fe:1.5% Maximum, Mn:0.3% Maximum, Mo:8-10%,Co:11-13%, Al:0.8-1.3%, C:0.05-0.08%, Cu:0.05 % Maximum, B:0.002-0.005%,Si:0.3% Maximum, S:0.008% Maximum, N:0.05% Maximum, Ti:0.3-0.5%,Ni:Balance.Mechanical properties, finish and uniformity, method of manufacture,tolerance, identification, packaging, marking of packages, cast andhelix, all tests and acceptance criteria shall be as per ASME SEC IICSFA 5.14The wires are intended for use in high pressure boiler tube and pipewelding with 100% Argon shielding.Precision layer and level winding are essential.Lot classification:S1, Schedule of testing:5 or J.The weld using this consumable shall exhibit radiographic soundness with100% Argon shielding.Three copies of original test certificate in English signed bymanufacturer is required. Test certificates shall contain actual resultsof all the tests mentioned above and as applicable in ASME SEC IIC, SFA5.14.ERNiCrCoMo-1 GTAW Wire 1.0mm	1,050.00	KILOGRAMM	KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL GROUP:		N756	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		04-DEC-2017	
		Delivery Qty (i) :		1050	
270		Stellite-6 Cobalt Base bare Solid filler Welding Rods for Hardfacingapplications. Type "ERCoCrA" Size Diameter 2.4mm and 1000 mm Length inaccordance with ASME SEC IIC, SFA 5.21, ERCoCr-A. The rod shall producesound weld using 100% Argon shielding. The average hardness of a twolayer weld deposit using this rod shall be 36 HRC to 41 HRC. Threecopies of test certificate with test results in accordance with ASME SECIIC, SFA 5.21, ERCoCr-A shall be reported.ERCoCr-A GTAW Filler Rod 2.4mm	45.00	KILOGRAMM	KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL GROUP:		N756	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		04-DEC-2017	
		Delivery Qty (i) :		45	



280		ASME SEC II.C SFA-5.14 ERNiCrFe-7A BARE SOLID WIRE.Diameter 1.0 mm and weight 5 kg PRECISION LAYER WOUND ISO 544 S200plastic SPOOLS. Radiographic soundness test shall be done and reported.The wire is intended to be used in tube/pipe butt joints with 100% ArgonShielding. The wire shall not have any trouble with usabilitycharacteristics. Uniform wire feeding shall be ensured. The wire shallproduce defect free welding. Three copies of test certificate withresults of tests mentioned above and in accordance with ASME SEC IIC,SFA 5.14, ERNiCrFe-7A shall be reported.ERNiCrFe-7A GTAW Wire 1.0mm	40.00	KILOGRAMM	KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL GROUP:		N756	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		04-DEC-2017	
		Delivery Qty (i) :		40	
290		ASME SEC II.C SFA-5.14 ERNiCr-3 BARE SOLID WIRE.Diameter 1.0mm and weight 5 kg PRECISION LAYER WOUND ISO 544 S200plastic SPOOLS. Radiographic soundness test shall be done and reported.The wire is intended to be used in tube/pipe butt joints with 100% ArgonShielding. The wire shall not have any trouble with usabilitycharacteristics. Uniform wire feeding shall be ensured. The wire shallproduce defect free welding. Three copies of test certificate withresults of tests mentioned above and in accordance with ASME SEC IIC,SFA 5.14, ERNiCr-3 shall be reported.ERNiCr-3 GTAW Wire 1.0mm	40.00	KILOGRAMM	KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL GROUP:		N756	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		04-DEC-2017	
		Delivery Qty (i) :		40	



300		ASME SEC II.C SFA-5.14 ERNiCr-3 BARE SOLID WIRE.Diameter 1.2mm and weight 10-15 kg PRECISION LAYER WOUND ISO 544 S300plastic SPOOLS. Radiographic soundness test shall be done and reported.The wire is intended to be used in tube/pipe butt joints with 100% ArgonShielding. The wire shall not have any trouble with usabilitycharacteristics. Uniform wire feeding shall be ensured. The wire shallproduce defect free welding. Three copies of test certificate withresults of tests mentioned above and in accordance with ASME SEC IIC,SFA 5.14, ERNiCr-3 shall be reported.ERNiCr-3 GTAW Wire 1.2mm	180.00	KILOGRAMM	KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME MATERIAL GROUP: KILOGRAM PER UNIT: Cenvatable (Yes / No) Delivery Location Vatable (Yes / No) Delivery Date (i) : Delivery Qty (i) :	ATTRIBUTE VALUE N756 0.0 Yes TAMIL NADU Yes 04-DEC-2017 180		
310		Metal Cored wire in accordance with ASME SEC IIC SFA 5.21, ERCCoCr-A,diameter 1.2mm and weight 5Kg spool. Three copies of test certificate tobe submitted in accordance with ASME SEC IIC SFA 5.21 shall be reported.ERCCoCr-A Wire 1.2mm	30.00	KILOGRAMM	KILOGRAMM
	ATTRIBUTE DETAILS	ATTRIBUTE NAME MATERIAL GROUP: KILOGRAM PER UNIT: Cenvatable (Yes / No) Delivery Location Vatable (Yes / No) Delivery Date (i) : Delivery Qty (i) :	ATTRIBUTE VALUE N756 0.0 Yes TAMIL NADU Yes 08-DEC-2017 30		

IMPORTANT NOTICE

PLEASE READ THE FOLLOWING ATTACHMENT(S)[SEPARATELY DOWNLOADABLE] ALONG WITH THIS RFQ/NIT/ENQUIRY .

RFQ/NIT/ENQUIRY - ATTACHMENTS

LABEL	FILE NAME
Annexure_A	Annexure_A.docx
Annexure_B	Annexure_B.docx
Pre-Qualification Criteria	Pre-Qualification Criteria.docx
DSC_Guidelines	DSC_Guidelines.pdf



PRE – QUALIFICATION CRITERIA

ENQUIRY NO. 2611700041 DT. 21.07.2017

1. The technical specifications mentioned in the enquiry shall be confirmed point by point.
2. If the offer is quoted by agents, letter of authorization duly signed by the manufacturer is required to consider the offer.
3. Three Copies of Original Test certificate in English is to be supplied in accordance with the enquiry specifications.

NOTE:

Supplier shall confirm and submit a signed copy of this pre-qualification criteria for technical qualification.

Full postal Address:

Signature & Office Seal of the vendor

TERMS AND CONDITIONS OF THE ENQUIRY

(A) SCOPE OF SUPPLY :

- i) Supply shall be made strictly as per the technical specifications mentioned in the Enquiry and Pre-Qualification Criteria
- ii) Test Certificate shall be submitted during order execution.
- iii) Deviation, if any, shall be clearly mentioned in your offer.
- iv) Quantity variation up to $\pm 5\%$ is acceptable. Supply of extra quantity is not permissible.

(B) SUBMISSION OF OFFER :

- i) Your Offers should be submitted in Two part Bid System (Techno-commercial bid + Price bid) in our E-Procurement portal only. No other mode of offer submission is acceptable
- ii) Scanned copy of duly filled Annexure-B shall be uploaded along with the offer.
- iii) After the scrutiny of the Techno-Commercial bids, price bids of only qualified offers shall be opened.

(C) OFFER VALIDITY :

Validity of offer should be minimum 90 days from the date of Tender opening. The quoted / finalized prices shall be Firm till completion of the supplies

(D) DELIVERY TERMS :

- i) **For Indian Bidders :**
 - o The prices are to be quoted on F.O.R. BHEL Trichy Stores basis (Inclusive of Packing & Forwarding Charges). Freight and Insurance Charges shall be quoted extra in %. All the items should be supplied at BHEL Stores at your own cost. Offers with any other delivery conditions will be rejected
 - o Delivery condition like Ex-works / Ex - godown / Transportation of materials through transport carriers from your works up to the transport carrier's office and taking delivery of goods by BHEL from such office of transport carriers is not acceptable to us.
- ii) **For Foreign Bidders :**
 - o Bidders should submit their offer for CFR / Chennai Seaport basis with freight break up details and Place of delivery – INTVT6 – CONCOR ICD.
 - o PORT OF LOADING SHOULD BE INDICATED WITHOUT FAIL.
 - o PORT OF DISCHARGE should be CHENNAI and PLACE OF DELIVERY - INTVT6 – CONCOR ICD

CONTAINERIZED CARGO

- o For CFR terms, moved through CONTAINERS (Suppliers should clearly specify this in their offer) it would be presumed by BHEL that the freight charges quoted is on LILO (LINER IN LINER OUT) basis including extra charges, if any, like Container Imbalance Charges, Trade Imbalance charges or any other charges payable to the Liner. No other charges other than the quoted Freight rate will be paid by BHEL excepting applicable Terminal Handling Charges, Container cleaning Charges, DO charges to Shipping Liner at Discharge Port. 14 FREE DAYS FOR Container detention shall be provided. If any deviation is taken by Tenderer, a loading of 22% on the freight rate per MT shall be considered by BHEL for arriving at the Total landed Cost.
- o In case of shipment through Containers on CFR basis, the BL should bear the endorsement that "14 free days for Container Detention is applicable".
- o Place of delivery – INTVT6 – CONCOR ICD should be clearly specified in the Bill of Lading.

ANNEXURE – A

TERMS AND CONDITIONS OF THE ENQUIRY

BREAKBULK CARGO

- For CFR terms, moved through BREAK BULK BASIS (Suppliers should clearly specify this in their offer) it would be presumed by BHEL that the freight charges quoted is on LILO (LINER IN LINER OUT) basis.
- Place of delivery – INTVT6 – CONCOR ICD should be clearly specified in the Bill of Lading.

In case, BHEL decides to airlift the material through its Air Console agent, the delivery terms will be changed to Ex-Works and freight charges will be reduced from the order value.

(E) PAYMENT TERMS :

i) For Indian Bidders :

- Payment term is “100% direct EFT payment after 45 days from the date of receipt and acceptance of materials at BHEL Stores”.
- The duplicate copy of the invoice meant for the transporters should accompany the material as stipulated under C.E. rules 52a and 173c (or) 57gg. A Photostat copy of the above invoice for each Delivery Chelan should be submitted along with the original bills routed through bank or submitted directly to BHEL finance department.
- Any deviation in the above payment term will attract loading as mentioned below. “Base rate of SBI (as applicable on the date of bid opening. Techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.
- Payment through bank is not preferred. In case of payment through bank is opted by supplier, BHEL prefers documents submission through bank with copy of LR and door delivery of goods to site/stores with consignee copy attached. In this case loading will be 3% on the offered value.
- Offers of indigenous Suppliers with payment terms as LC / Advance Payment etc. will be rejected.

ii) For Foreign Bidders :

- BHEL Payment term is 100% payment on CAD basis after 45 days from the date of receipt of documents, specified in PO, at BHEL bank. Respective bank charges to respective account.
- Any deviation in the above payment term will attract loading as mentioned below :
“Base rate of SBI (as applicable on the date of bid opening. Techno Commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.
- If the LC payment is insisted, TWO sets of original TCs to be submitted prior to dispatch and a certificate to that effect from BHEL should form a part of the documents to be negotiated. If this condition is not complied by the vendor, the offer is liable for rejection.
- In the case of Usance LCs the loading will be considered @ 1.5% on the offered Value.
- For LC at sight the loading will be considered @ 3.5% on the offered Value.
- Offers with payment terms as Advance payment, CAD at sight and Confirmed LCs will be rejected.

(F) LIQUIDITY DAMAGES / PENALTY :

The delivery of the goods specified in the purchase order should be made within the time prescribed. Where the seller supplies or despatches the goods beyond the delivery period, Liquidity damages will be applicable as mentioned below:

- i) Liquidated damages shall be 0.5% of the total order value per week or part thereof subject to a maximum of 10% of the total order value

TERMS AND CONDITIONS OF THE ENQUIRY

- ii) For staggered delivery schedule, LD shall be 0.5% of the undelivered portion per week of the delay or part there of subject to a maximum of 10% of the total order value.
- iii) Any deviation from the above LD clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value)
- iv) IMPORT: For CFR terms, BL date will be considered for LD calculation.
- v) INDIGENOUS: For “FOR Delivery terms”, Lorry way bill date will be taken for LD calculation.

(G) RISK PURCHASE CLAUSE :

Alternatively the purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitutes therefore. The supplier shall be liable for any loss, which the purchaser may sustain by reason of such risk purchases in addition to penalty at the rate mentioned in our LD clause.

(H) TENDER EVALUATION :

- i) Tender evaluation will be carried out on the basis of Technical Specifications and Commercial Terms and Conditions specified in the tender documents and changes thereof (if any) will be communicated to all bidders before Price Bid Opening.

(I) COST EVALUATION :

- i) Evaluation will be done on the basis of “Total landed cost to BHEL”.
- ii) For evaluation, the exchange rate (TT selling rate of SBI) on the date of Part-I bid opening shall be considered. If the relevant day happens to be a bank holiday, then the forex rate as on the previous working day shall be considered.
- iii) BHEL will consider the ranking after the loading is applied as referred above, wherever deviations are observed
- iv) Ranking (L-1, L-2 etc.) will be done only for the Techno-Commercially acceptable offers.
- v) In the event of more than one vendor becoming L-1, the enquiry quantity will be shared equally among all the L1 vendors.

(J) GST FOR INDIGENEOUS SUPPLIERS :

- 1) Response to Tenders for Indigenous supplier will be entertained only if the vendor has a valid GST registration no which should clearly have mentioned in the offer. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer.
- 2) Supplier shall mention their GSTN registration number in all their invoices and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc.
- 3) All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code).
- 4) A declaration to the effect that all invoice particulars are/were uploaded in the GSTN network/ portal & all tax liability as per GST rules and regulations have been and will be discharged, shall be mentioned in the invoice. If not mentioned in the invoice, a separate declaration shall be submitted as per the requirement of BHEL.
- 5) All documents like Mill Test Certificate, LR copy, Guarantee/Warrantee certificate, work completion certificate, any other document mentioned in PO, shall be sent along with the vehicle/consignment. For all consignments received within the calendar month, input credit will

TERMS AND CONDITIONS OF THE ENQUIRY

be availed within that month in line with monthly returns filing cycle. In case of any discrepancy in the document or non-submission of documents mentioned in the PO, then BHEL will not be able to accept or account the material, in such case availing of tax credit will be deferred to next month or so.

- 6) In case of discrepancy in the data uploaded by supplier in the GSTN portal or in case of any shortages or rejection in the supply, then BHEL will not be able to avail the tax credit and will notify the supplier of the same. Supplier has to rectify the data discrepancy in the GSTN portal or issue credit note (details to be uploaded in GSTN portal) for the shortages or rejections in the suppliers, within the calendar month notified by BHEL.
- 7) For any such delay in availing of tax credit for reasons attributable to supplier (as mentioned above), interest (calculated @ SBI Base Rate + 6%) along with penalty if any will be deducted for the delayed period i.e. from the month of receipt till the month tax credit is availed, from the running bills.

(K) DOCUMENTS SUBMISSION FOR FOREIGN SUPPLIERS:

The Original Documents (Bill of Lading, Invoice, Packing List, Certificate of Origin & Test Certificate) shall reach BHEL well in advance before the vessel arrival. The soft copies of the above shall be forwarded to BHEL immediately after shipment.

- i) In the event of delay in negotiating / submitting the document by the Supplier, any demurrage charges arising out of the same shall be to the account of the Supplier.
- ii) In such cases, the Supplier shall authorize the Steamer / Shipping agent / transporter to freely release the consignment to BHEL by providing a "Surrender Bill of Lading".
- iii) Otherwise, No-objection Certificate shall be issued to the Liner, authorizing BHEL to get the Delivery Order without producing the Original Bill of Lading.
- iv) This is required to ensure avoidance of incidence of demurrage at Chennai Seaport that may arise in case of delayed presentation of documents by the Seller.

(L) INDIAN AGENTS OF FOREIGN SUPPLIERS :

- i) BHEL shall deal directly with foreign vendors, wherever required, for procurement of goods. However, if the foreign principal desires to avail of the services of an Indian agent, then the foreign principal should ensure compliance to regulatory guidelines - which require mandatory submission of an Agency Agreement
- ii) It shall be incumbent on the Indian agent and the foreign principal to adhere to the relevant guidelines of Government of India, issued from time to time.
- iii) If the offer is submitted by Agents, duly signed agency agreement shall be submitted along with the offer in Techno-Commercial bid. The Agency Agreement should specify the precise relationship between the foreign OEM / foreign principal and their Indian agent and their mutual interest in the business. All services to be rendered by agent/ associate, whether of general nature or in relation to the particular contract, must be clearly stated by the foreign supplier/ Indian agent. Any payment, which the agent or associate receives in India or abroad from the OEM, whether as commission or as a general retainer fee should be brought on record in the Agreement and be made explicit in order to ensure compliance to laws of the country.
- iv) Any agency commission to be paid by BHEL to the Indian agent shall be in Indian currency only.
- v) Tax deduction at source is applicable to the agency commission paid to the Indian agent as per the prevailing rules.
- vi) In the absence of any agency agreement, BHEL shall not deal with any Indian agent (authorized representatives / associate / consultant, or by whatever name called) and shall deal directly with the foreign principal only for all correspondence and business purposes.
- vii) The supply and execution of the Purchase Order (including indigenous supplies/ service) shall be in the scope of the OEM/ foreign principal. The OEM/ foreign principal should submit their offer inclusive of all indigenous supplies/ services and evaluation will be based on 'total cost to BHEL'. In case OEM/ foreign principal recommends placement of order(s) on Indian supplier(s)/ agent on their behalf, the credentials/ capacity/ capability of the Indian supplier(s)/ agent to make the supplies/ services will be checked by BHEL,

TERMS AND CONDITIONS OF THE ENQUIRY

before opening of price bids. It will be the responsibility of the OEM/ foreign principal to get acquainted with the evaluation requirements of Indian supplier/ agent as per SEARP available on www.bhel.com. The responsibility for successful execution of the contract lies with the OEM/ foreign principal.

- viii) Either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item in the same tender. If offer is received by both Indian agent and Principal/OEM, then the offer from Principal/OEM only will be considered.
- ix) If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit bid on behalf of another Principal/OEM for the same item. If an agent submits bid on behalf of more than one Principal/OEM for a single item, his offer will be completely rejected for the concerned item.

(M) Comprehensive Economic Partnership Agreement (CEPA):

Foreign suppliers shall ensure that the benefits as applicable under comprehensive economic partnership agreement (CEPA) with government of India are disclosed in the bid and relevant documents such as certificate of country of origin, issued by the appropriate authority in the country of exports, is provided by the vendor along with dispatch documents. Bids shall be evaluated with such applicable benefits. In the event of seller failing to provide appropriate documents for purchasers to avail disclosed concessional duty benefits in India, financial loss, so incurred, will be to the seller's account.

(N) PACKING AND MARKING :

The supplier shall arrange for securely protecting and packing the material to avoid loss or damages during transit.

(O) ARBITRATION :

All disputes or differences whatsoever which may arise at any time during execution of the Contract shall be mutually settled by BHEL Trichy and Vendor as per provision of the Contract. However, in the event such disputes cannot be settled mutually, such disputes shall be settled as per the Arbitration and reconciliation Act, 1996 of the Govt. of India and its subsequent amendments. In case of disputes with the Central PSUs, the same shall be settled at Tiruchirapalli Jurisdiction as per the Guidelines of the Govt. of India. However, during the period such disputes are settled either by mutual discussions between the parties or by legal means, Vendor shall continue to do the work as per terms & conditions of Contract.

(P) FRAUD PREVENTION POLICY :

The bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their notice

(Q) IN THE EVENT OF FORCE MAJEURE :

- i) Notwithstanding the provisions contained in other clauses, the supplier shall not be liable for imposition of any such sanction so long the delay and/or failure of the supplier in fulfilling its obligations under the contract is the result of an event of Force Majeure. For purposes of this clause, Force Majeure means an event beyond the control of the supplier and not involving the supplier's fault or negligence and which is not foreseeable and not brought about at the instance of the party claiming to be affected by such event and which has caused the non – performance or delay in performance. Such events may include, but are not restricted to, wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes excluding by its employees , lockouts excluding by its management, freight embargoes and Acts of GOD.

TERMS AND CONDITIONS OF THE ENQUIRY

- ii) If a Force Majeure situation arises, the supplier shall promptly notify the Purchaser/Consignee in writing of such conditions and the cause thereof within twenty one days of occurrence of such event. Unless otherwise directed by the Purchaser/Consignee in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- iii) If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of Force Majeure for a period exceeding sixty days, either party may at its option terminate the contract without any financial repercussion on either side.
- iv) In case due to a Force Majeure event the Purchaser/Consignee is unable to fulfil its contractual commitment and responsibility, the Purchaser/Consignee will notify the supplier accordingly and subsequent actions taken on similar lines described in above sub-paragraphs

(R) OTHER TERMS AND CONDITIONS :

- i) No revision of prices will be entertained at any circumstances after tenders are opened.
- ii) On the due date of tender opening, only the Techno-commercial bids will be opened. Techno-commercial bids will be evaluated by us and clarifications required, if any, will be called from the bidders on technical and commercial points.
- iii) If any difference is found in the terms in the Techno-commercial bid and price bid, the terms mentioned in the Techno-Commercial Bid will be considered.
- iv) BHEL reserves the right to negotiate or refloat the tender opened, if L1 price is not the lowest acceptable price to BHEL due to inter-alia other reasons.
- v) The correspondence between the bidder and BHEL through Email is considered as valid document Legally though not signed. It is treated as valid confirmations made on behalf of the respective company and comes under the legal ambit of the business transaction and hence binding on both the parties.
- vi) If The Due Date Of Tender Opening Happens to be a Holiday, those tenders Will Be Opened On Next Working Day.
- vii) The quality of the supplies should strictly conform to WCPI applicable for the item. The offer should specifically confirm this.
- viii) If any quality problem is pointed out by BHEL w.r.t. supplied material, the same shall be settled and corrected immediately by the supplier. If the material cannot be accepted by BHEL, supplier has to replace the material with no extra cost. Collection of rejected material will be sole responsibility of the supplier.
- ix) BHEL reserves the right to cancel the tender at any stage without giving any reasons.
- x) For any clarifications, you may contact to the following Email IDs :
 - a. akumar@bheltry.co.in
 - b. shrivastava@bheltry.co.in

ANNEXURE – B

BHEL COMMERCIAL TERMS AND CONDITIONS

SL NO	DESCRIPTION	BHEL REQUIREMENTS	SUPPLIER CONFIRMATION
1	OFFERED QUANTITY	SUPPLIER TO QUOTE	
2	VALIDITY	MINIMUM 120 Days from Date of tender opening	
3	PRICE QUOTED	As per Clause (D) of Annexure-A	
4	GST % FOR INDIAN BIDDER	SUPPLIER TO QUOTE ALONG WITH HSN CODE OF THE ITEM	
5	GSTN NO. FOR INDIAN BIDDER	SUPPLIER TO QUOTE	
6	FREIGHT & INSURANCE CHARGES FOR DELIVERY AT BHEL STORES – FOR INDIAN BIDDER	SUPPLIER TO QUOTE IN % OF BASIC PRICE ONLY	
7	FREIGHT CHARGES FOR DELIVERY AT CHENNAI SEAPORT – FOR FOREIGN BIDDER	SUPPLIER TO QUOTE IN % OF BASIC PRICE ONLY	
8	DEIVERY SCHEDULE FROM THE DATE OF PURCHASE ORDER / LETTER OF INTENT	SUPPLIER TO QUOTE IN NO. OF DAYS / WEEKS	
9	PAYMENT TERMS	As per Clause (E) of Annexure-A	
10	LIQUIDATED DAMAGES CLAUSE	As per Clause (F) of Annexure-A	
11	ORIGIN OF DISPATCH	SUPPLIER TO QUOTE	
12	PORT OF LOADING – FOR FOREIGN BIDDER	SUPPLIER TO QUOTE	
13	CURRENCY – FOR FOREIGN BIDDER	SUPPLIER TO QUOTE	
14	Test Certificate	To be submitted during order execution	
15	CONTACT PERSON DETAILS	NAME:	
		MOBILE NO:	
		LAND LINE NO:	
		EMAIL :	
		FAX:	

NOTE:

a). It is confirmed that all the terms and conditions stipulated in the Enquiry have been fully understood by us and all clarifications & details have been obtained.

b).No row shall be left blank. Please indicate NA, in case the item is “not applicable”

Full postal Address:

Signature & Office Seal of the vendor

10 Pointer_BHEL regarding DSC, EPS login

Only Use Internet Explorer 9 or above & Java 8 update 91 or above (Un-install any additional java if installed earlier) (Compatible Versions 8/91 or 8/101)

• DSC (Digital Signature Certificate) (Class 3 - SHA2- 2048 BIT-WITH BOTH SIGNING & ENCRYPTION COMPONENT SEPARATELY)

1. Tools – Internet Options – Advanced – Tick (Use SSL 3.0, Use TLS 1.0, Use TLS 1.1, Use TLS 1.2)// Do NOT Tick SSL 2.0.
2. Tools – internet Options – Security – Trusted Sites – Sites – Add – <https://bheleps.buyjunction.in>
3. Tools – Manage Add-ons – Enable All Java Plug Ins.
4. **For Internet Explorer 10, Please press F12 (keyboard) & change the browser mode to IE9// For Internet Explorer 11 (tools – compatibility view settings – Add (buyjunction.in)**
5. Tools – Internet Options – Security – Custom Level – Press ‘I’ on your keyboard twice – ENABLE Include Local Directory path when uploading files to a server - OK
6. Control panel – Java – Java – View (to check the version)/ Java – Security – Security level (high) – Edit Site List – Add – type manually (<https://bheleps.buyjunction.in>) – Add
7. Java – Advanced – Tick Enable Logging//Under Advanced security settings below (Tick Use SSL 3.0, Use TLS 1.0, 1.1, 1.2)//Do not Tick SSL 2.0
8. **Tools – Internet Options – Content – Certificates (2 certificates should be visible one signing & one encryption). If not, please install your e-token drivers from My computer – (Double click the e-token) – SET UP.**
9. After logging in please map your encryption certificate - **After Login =>** The system will then ask for the sign in DSC from you. You have to select the relevant DSC in the pop-up window and click on OK button. To map the encryption certificate you have to click on the **“Register DSC”** option. Now select the radio button **“For Encryption”** (in case of 2048 bit) and then click on **“Select Digital Certificate”**. System will display your encryption certificate, Select the same and Click on **“OK”**. New window will appear showing thumbprint of certificate, Click **“CLOSE”**. Click on **“Continue to Dashboard”** for further procedure.

(For all 64 bit Operating systems, please install both 32 & 64 bit Java from the link provided below)

32 - <http://javadl.oracle.com/webapps/download/AutoDL?BundleId=207773>

64 - <http://javadl.oracle.com/webapps/download/AutoDL?BundleId=207775>

DSC activation steps

1. Purchase of DSC class 3 b with both sign, encryption
2. Seller data activation by BHEL
3. Auto generated User id (6 digit code - 0 followed by vendor code)& password reaches to registered email as provided by vendor
4. Vendor needs to login with user id, password
5. Signing to be activated by BHEL
6. Encryption to be mapped by Vendor
7. Finally vendor is able to quote.

DSC GUIDELINES:

It should be DSC (Digital Signature Certificate) (**Class 3- SHA2- 2048 BIT-WITH BOTH SIGNING & ENCRYPTION COMPONENT SEPARATELY**)

For Dsc GUIDELINES & steps regarding procurement & further tasks to be done to submit offer as follows:

The Requirement :

1. A PC with Internet connectivity.
2. DSC (Digital Signature Certificate)(**Class 3- SHA2- 2048 BIT-WITH BOTH SIGNING & ENCRYPTION COMPONENT SEPARATELY**)
3. JRE 1.6 must be installed in your system.

The process of utilizing e-procurement necessitates usage of **DSC (Digital Signature Certificate)(Class 3- SHA2- 2048 BIT- SIGNING & ENCRYPTION)** and you are requested to procure the same immediately, if not presently available with you. Please note that only with DSC, you will be able to login the e-procurement secured site and take part in the tendering process.

The contact details of the DSC Certifying Authority as given below

1	e-Mudhra	http://www.e-Mudhra.com	5	NIC	www.safescrypt.com
2	GNFC	www.ncodesolutions.com	6	Safescrypt	www.safescrypt.com
3	IDRBT	www.idrbtca.org.in	7	TCS	www.tcs-ca.tcs.co.in
4	MTNLTrustline	www.mtnltrustline.com			

(Other)DSC Contact details:

Ms. Solly (M/s. R3 eConsulting Pvt Ltd)

Mobile : 9444841015

Tel Nos. 044 2815 2670 / 72 / 4207 0906

Email : chennai@sgs-ds.com,

soy@saspartners.com

chennai@saspartners.com

We have finalized the e-procurement service Provider as,

M/s m Junction services Limited, Kolkata

Godrej Water Side, 3rd Floor, Tower-1, Plot-V, Block - DP

Sector - V, Salt Lake , Kolkata-700091, West Bengal , INDIA

Please get in touch at below numbers for any issues related to bid submission in EPS.

SL	NAME	e-Mail ID	Land Ph No	ROLE
1	Mr. P Peter Raj -	'peter.raj@mjunction.in'	09942069052	
2	HELP DESK	eps.customercare@mjunction.in	Landline : 033 – 66106217 / 6013 / 6426 / 6176 / 6046 (From 9:30am to 5:30pm) 033-66106426/6217/6013/6046/6176 9163348283/9163348284/9163348285 /9163348286/8584008116 (From 5:30pm to 8:30pm)	
3	Mr. Harish Kumar Ramu	harish.ramu@mjunction.in	- Cell No 09840704941	
4.	DHANARAJ.P	p.dhanaraj@mjunction.in panneer.dhanaraj@mjunction.in ;	(+91) 9500199108, (+91) 9282403700	Customer Relationship Mgr
5	Saumendu Neogi	saumendu.neogi@mjunction.in	(+91) 9163348205	PROJECT MANAGER

6	R. Vishwanathan	r.vishwanathan@mjunction.in	(+91) 9163348242	Business Analyst
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After procurement of Digital Certificate kindly follow the process below **for properly login into the BHEL EPS portal.**

1. Please install JRE 1.6 and your Digital Certificates (Class 3) for sign in and encryption.
2. Please install net meeting software like TeamViewer (www.teamviewer.com) for online support.
3. You are required to login to <https://bheleps.buyjunction.in> and click **Sign in**
4. Key in your login code and password and click **Enter**
5. System will ask you to change password,
6. Again login with new password
7. System will show sign in certificate, Select your sign in certificate and click **OK**
8. You will be logged out automatically
9. Contact Buyer for certificate approval
10. After your certificate is approved by Buyer, login again with login code and new password
11. Select Digital certificate
12. On the top right hand margin you will find "**Digital Certificate**" Click on "**Digital Certificate**"
13. Select "**For Encryption**" Radio button if you have **2048** bit certificate. Else you select "**Both**" Radio button if you have **1024** bit certificate.
14. System will display your encryption certificate, Select the same
15. New window will appear showing thumbprint of certificate, Click "**CLOSE**"
16. Then Click "Exit"

Now follow the steps for submission of the tender.

Go to "**TENDERS**" and then click on then "**VIEW**" button. Than select status as "**OPEN FOR QUOTATION SUBMISSION**" and click on the "**ENTER**" button. This will display all the eligible RFQs and then you can click on the relevant RFQ to view all the RFQ details.

- After clicking on the RFQ you would be able to see the RFQ details.
- To view all the items attached to the RFQ, you can click on "**VIEW ITEMS**" button. By clicking on "**BACK**" you can go back to the RFQ header. Now you need to click on "**Response to RFQ/NIT**".
- You will be landed to the RFQ/NIT details page where you will be able to see the Item details..
- To go back to the RFQ you have to click on the "**BACK TO RFQ**" button.
- To respond to the RFQ you have to click on "**RESPOND TO RFQ/NIT**" button and you will be taken to the Terms And Condition page.
- To participate in the RFQ you have to choose the first option (i.e "**I have understood the RFQ/NIT in full and agree to submit quotation for the same on behalf of my organization**") and click on "**ENTER**" button.
- You will be then taken to the **ADD QUOTATION** page where you have to click on "**ADD QUOTATION**" and fill in the relevant bid details.
- You will be taken to the techno-commercial page where you have to fill the relevant fields.
- To add any techno-commercial documents you have to click on "**ADD ATTACHMENT**" button than you have to click on the "ADD ROW" button.
- Then insert **LABEL** name, **FILE** Name and then attach the required file by clicking on the BROWSE option. Now click on the "**SIGN FILE**" button, now the system will ask for the encryption DSC and after successful verification you have to click on "**ATTACH/DETACH**" button for successful file attachment.
- Then click on "**GO TO HEADER**" button to go back to RFQ Header.
- The system will again ask for the Certificate and after successful verification you will be landed to the techno-commercial page.
- After successful verification of the certificate you have to click on "**SAVE AND GOTO ITEMS**" button to put the basic price for the items.
- Again the system will ask for DSC and you have to select you DSC.
- You have to put the basic price in the basic price column and then Click on the "**SAVE AND GOTO HEADER**" button
- Again the system will ask for DSC and you have to select you DSC.
- To submit the quotation click on "**SUBMIT QUOTATION**" button
- After successful verification of DSC, you can submit your quotation by clicking on the "**CONFIRM**" button.

After successful submission of your quotation the system will show that your quotation has been submitted successfully. You are requested to submit the bid well before the due date to avoid the last minute issues.

Please download the Supplier Manual from the below link

https://bheleps.buyjunction.in/BOEPS/html/Standard%20Documents/BHEL_Supplier%20Manual.pdf?OWASP_CSRFTOKEN=NXKI-NQ4W-2YMN-OJIA-0X2D-O3AW-CLN0-R2NX

Procedure of Obtaining Digital certificate for foreign vendors

A Step by step procedure to be adhered prior to obtaining of the DSC is given below.

- a) The vendor downloads the Registration/Application form from any of the licensed CAs as approved by CCA. (Please visit website <https://cca.gov.in> for details)
- b) Vendor fills up the application form along with the requisite documents as mentioned below and visits the Indian Embassy along with the original documents corresponding to the certified true copies.
- c) The above mentioned documents are then certified by the Indian Embassy.
- d) Online fund transfer has to be made by the vendor of Rupee equivalent amount in vendor respective country's currency (Swift code of the CA's Bank will be provided by the CAs on request)
- e) The Indian Embassy's documents are then needs to couriered to the respective CA.
- f) The CA issues the DSC along with e-token and sends the same to the vendor.
- I. Documents required to **be submitted by a foreign vendor to Indian embassy** for obtaining Class 3 digital certificate on behalf of an Organization/Enterprise (certified true copy from either Company Secretary or a Director or Partner of the Organization) any one of the below mentioned documents is required:
 - a. Certificate of Incorporation
 - b. Memorandum and Articles of Association.
 - c. Registered Partnership Deed
 - d. Valid Business License document
- II. Certified true copy of any one of the following
 - a. Annual report
 - b. Income tax return
 - c. Statement of Income
 - d. Bank details of the Organization
- III. Documents required with each digital certificate application (Both of the below mentioned documents are required in original)
 - a. Authorization letter in favor of the certificate applicant from the applicant's organization (as per format attached herewith). The authorizing person should be one rank higher in that organization.
 - b. Latest Color Passport size photograph of the applicant
 - c. Copy of Visa, Passport&International driving license(attested by the company stamp and signed by the applicant. Original will be returned after verification by Indian Embassy)